

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/001813

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01R33/34 G01R33/341 G01R33/3415

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC, FSTA, BIOSIS, EMBASE, MEDLINE, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/067167 A1 (ROMO MARCO A ET AL) 6 June 2002 (2002-06-06) paragraph '0001! paragraph '0004! - paragraph '0006! paragraph '0027! - paragraph '0032! figures 2-6	1-8, 11-18, 21-28, 31-38
X	US 5 585 723 A (WITHERS ET AL) 17 December 1996 (1996-12-17) column 1, lines 7-13 column 6, line 64 - column 7, line 34 figures 5,6 ----- -/--	1-3, 5-8, 21-23, 28

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 October 2005

Date of mailing of the international search report

26/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Streif, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/001813

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 93/24848 A (CONDUCTUS, INC) 9 December 1993 (1993-12-09) page 1, lines 3-5 page 9, line 24 - page 10, line 16 figures 12,13	1-3,5-8
X	US 5 565 778 A (BREY ET AL) 15 October 1996 (1996-10-15) column 1, lines 27-31 column 5, line 23 - column 6, line 51 figures 2a,2c,3	1-3,5-7
X	EP 1 251 361 A (BRUKER BIOSPIN AG) 23 October 2002 (2002-10-23) paragraph '0001! paragraph '0032! - paragraph '0060! figures 4,10a-12,20,22	1-3,5,9, 10
X	WOSIK J ET AL: "A novel planar design of 200 MHz superconducting array" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 2373, XP002348446 the whole document	1-3,5-10
X	EP 0 895 092 A (BRUKER AG) 3 February 1999 (1999-02-03) paragraph '0001! paragraph '0018! paragraph '0029! paragraph '0032! - paragraph '0051! figures 1a-3,7,9a,9b	1-40
X	CHOW MS ET AL: "A two-channel HTS thin-film phased array coil for low field MRI" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 2372, XP002348447 the whole document	1-3,5-8, 41
	----- -/-	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/001813

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MALAGOLI A ET AL: "Radiofrequency response of Ag-sheathed (Bi,Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O _{10+x} superconducting tapes" PHYSICA C, NORTH-HOLLAND PUBLISHING, AMSTERDAM, NL, vol. 378-381, October 2002 (2002-10), pages 1087-1090, XP004383056 ISSN: 0921-4534 the whole document	1-41
A	BOCK N A ET AL: "Multiple-mouse MRI" MAGNETIC RESONANCE IN MEDICINE, ACADEMIC PRESS, DULUTH, MN, US, vol. 49, no. 1, January 2003 (2003-01), pages 158-167, XP002281379 ISSN: 0740-3194 the whole document	1-41
A	WO 00/70356 A (INTERMAGNETICS GENERAL CORPORATION) 23 November 2000 (2000-11-23) the whole document	1-41
A	DE 42 18 635 A1 (SIEMENS AG, 80333 MUENCHEN, DE) 9 December 1993 (1993-12-09) the whole document	1-41
A	FR 2 616 911 A (THOMSON CGR) 23 December 1988 (1988-12-23) the whole document	1-41

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/001813

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002067167	A1	06-06-2002	EP 1290462 A1	12-03-2003
			JP 2003535631 T	02-12-2003
			WO 0194964 A1	13-12-2001
			US 6377047 B1	23-04-2002
US 5585723	A	17-12-1996	NONE	
WO 9324848	A	09-12-1993	AT 213547 T	15-03-2002
			AU 677590 B2	01-05-1997
			AU 4400493 A	30-12-1993
			CA 2137079 A1	09-12-1993
			DE 69331604 D1	28-03-2002
			EP 0654147 A1	24-05-1995
			JP 8500436 T	16-01-1996
			US 5276398 A	04-01-1994
US 5565778	A	15-10-1996	US 5619140 A	08-04-1997
			US 5594342 A	14-01-1997
EP 1251361	A	23-10-2002	DE 10118835 A1	31-10-2002
			JP 2002341001 A	27-11-2002
			US 2002190715 A1	19-12-2002
EP 0895092	A	03-02-1999	DE 19733574 A1	04-02-1999
			JP 3066359 B2	17-07-2000
			JP 11133127 A	21-05-1999
			US 6121776 A	19-09-2000
WO 0070356	A	23-11-2000	AU 5441100 A	05-12-2000
DE 4218635	A1	09-12-1993	NONE	
FR 2616911	A	23-12-1988	NONE	